

Training and Evaluation Outline Report

Status: Approved

10 Feb 2015

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Task Number: 05-TM-5514

Task Title: Provide Maintenance Support to Diving Operations

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD3 - This training product has been reviewed by the developers in coordination with the MSCoE foreign disclosure officer. This training product cannot be used to instruct international military students.

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	AR 220-1	Army Unit Status Reporting and Force Registration - Consolidated Policies	Yes	No
	AR 385-10	The Army Safety Program http://www.apd.army.mil/pdffiles/r385_10.pdf	Yes	No
	AR 611-75	MANAGEMENT OF ARMY DIVERS	Yes	No
	AR 750-1	Army Materiel Maintenance Policy.	Yes	No
	ATP 4-33	Maintenance Operations http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp4_33.pdf	Yes	No
	ATP 5-19 (Change 001 09/08/2014 78 Pages)	RISK MANAGEMENT http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf	Yes	No
	PAM 750-8	The Army Maintenance Management System (TAMMS) Users Manual.	Yes	No
	SS521-AG-PRO-010	U.S. Navy Diving Manual. Revision 6	Yes	Yes

Conditions: The maintenance team is directed to provide maintenance support to diving operations. The maintenance area is established and secured. All required references, tools, repair parts, and personnel are available. Equipment deficiencies have been identified. The team's Standing Operating Procedure (SOP) is available.

Note: The Commander must still determine at what level of training they would want the element to perform. Crawl, walk or run. This can only be determined after consideration as to the units training level.

The Commander prior to evaluating an element in the conduct of the task must determine if it will be conducted in a Live, Virtual, or Constructive environment, additionally it must also be determined which condition as described below that the element will conduct the task. The selection made for this task is at a trained level of proficiency. The commander must determine which of the environments below will best suit the unit and the proficiency level at which the unit is. When conducting crawl or walk level training units should not increase the intensity until the unit has achieved the standards and then unit trainers should include variables that increase proficiency in all conditions.

Note: The condition statement for this task is written assuming the highest training conditions reflected on the Task Proficiency matrix required for the evaluated unit to receive a "fully trained" (T) rating.

Note: Condition terms definitions:

Dynamic Operational Environment: Three or more operational and two or more mission variables change during the execution of the assessed task. Operational variables and threat Tactics, Techniques, and Procedures (TTPs) for assigned counter-tasks change in response to the execution of Blue Forces (BLUFOR) tasks.

Complex Operational Environment: Changes to four or more operational variables impact the chosen friendly COA/mission. Brigade and higher units require all eight operational variables of Political, Military, Economic, Social, Infrastructure, Information, Physical environment, and Time (PMESII-PT) to be replicated in varying degrees based on the task being trained.

Single threat: Regular, irregular, criminal or terrorist forces are present.

Hybrid threat: Diverse and dynamic combination of regular forces, irregular forces, and/or criminal elements all unified to achieve mutually benefiting effects.

This task should not be trained in MOPP 4.

Standards: The maintenance team provides maintenance support to diving operations in accordance with appropriate technical manuals (TMs), references, maintenance advisories, and the commander's guidance.

Note: Leaders are defined as the Commander, Executive Officer, First Sergeant, Operations Sergeant, Platoon Leaders, Platoon Sergeants, Squad Leaders, and Team Leaders.

Live Fire Required: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare			Execute						Assess	
Operational Environment			Training Environment (LV/C)	% of Leaders Present at Training/Authorized	% of Soldiers Present at	External Eval	% Performance Measures 'GO'	% Critical Performance Measures 'GO'	% Leader Performance Measures 'GO'	Task Assessment
SQD & PLT										
Dynamic (Single Threat)	Night	IAW unit CATS statement.		>=85%	>=80%	Yes	>=91%	All	>=90%	T
	Day			75-84%			80-90%		80-89%	T-
Static (Single Threat)	Night			65-74%	75-79%	No	65-79%	<All	>=79%	P
	Day			60-64%	60-74%		51-64%			P-
				<=59%	<=59%		<=50%			U

Remarks: None

Notes: All required references and technical manuals will be provided by the local command.

Safety Risk: Low

Task Statements

Cue: None

DANGER

Leaders have an inherent responsibility to conduct Risk Management to ensure the safety of all Soldiers and promote mission accomplishment.

WARNING

Risk management is the Army's primary decision-making process to identify hazards, reduce risk, and prevent both accidental and tactical loss. All Soldiers have the responsibility to learn and understand the risks associated with this task.

CAUTION

Identifying hazards and controlling risks across the full spectrum of Army functions, operations and activities is the responsibility of all Soldiers.

Performance Steps and Measures

NOTE: Assess task proficiency using the task evaluation criteria matrix.

NOTE: Asterisks (*) indicate leader steps; plus signs (+) indicate critical steps.

STEP/MEASURE	GO	NO-GO	N/A
+* 1. The element leader directs the team maintenance program.			
* a. Supervises the implementation of the maintenance program for compliance with the commander's guidance and the unit SOP.			
* b. Identifies team operational levels by reviewing equipment status reports.			
* c. Approves the use of controlled exchanges when repair parts are not available.			
* d. Approves repairs using Battle Damage Assessment and Repair (BDAR) procedures when established procedures can not be used.			
* e. Checks the Material-Condition Status Report (MCSR) for accuracy and completeness.			
* f. Identifies current or anticipates maintenance problems to minimize their impact on unit readiness.			
* g. Forwards the MCSR to higher headquarters (HQ) according to the unit SOP.			
* h. Conducts periodic inspections of personnel and equipment to ensure that the diving safety program is enforced.			
+* 2. The element leader supervises the team maintenance personnel.			
* a. Organizes maintenance personnel to perform maintenance activities.			
* b. Supervises The Army Maintenance Management System (TAMMS) and Prescribed Load List (PLL) procedures for completeness and accuracy.			
* c. Supervises repair and inspection to ensure that they are done properly and according to appropriate references.			
* d. Requests approval for BDAR from the detachment commander when established repair procedures could not be used.			
* e. Supervises BDAR procedures to ensure that procedures were done according to appropriate BDAR manuals.			
* f. Requests approval for controlled exchanges from the detachment commander when the required repair parts were not available.			
* g. Supervises the Army air sampling and gauge calibration programs.			
* h. Ensures the proper use of parts from controlled exchanges.			
* i. Notifies the HQ upon completion of repairs.			
* j. Supervises recovery operations to ensure that correct recovery and safety procedures were in place.			
* k. Coordinates the maintenance status with HQ.			
* l. Provides the maintenance status to the detachment commander.			
+ 3. The team unit maintenance personnel repair organic equipment.			
+ a. Diagnoses faults on inoperative equipment.			
+ b. Requests required repair parts from the PLL clerk.			
+ c. Repairs equipment according to applicable TMs.			
+ d. Requests approval for BDAR through the maintenance supervisor when parts were not available.			
+ e. Performs BDAR according to the appropriate manual.			
+ f. Requests approval for controlled exchanges through the maintenance supervisor when repair parts were not available.			
+ g. Performs controlled exchanges.			
+ h. Performs a final inspection to ensure Quality Control (QC) of repairs.			
+ i. Employs safety procedures to minimize accidents.			
+ 4. The team maintenance personnel conduct transactions with support maintenance.			
+ a. Identifies the category of repair as direct support or higher.			
+ b. Corrects unit-level deficiencies.			
+ c. Corrects direct support or higher deficiencies on diving support equipment.			
+ d. Prepares equipment for submission to support maintenance.			
+ e. Evacuates equipment to support maintenance.			
+ f. Verifies the completion of repairs.			
+ g. Picks up the equipment upon completion of repairs.			
5. The team maintenance personnel perform administrative support functions.			
a. Maintains the PLL.			
b. Requests repair parts for equipment repair.			
c. Turns in unserviceable, repairable items.			
d. Maintains technical publications on all organic equipment and the safety program.			

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL PERFORMANCE MEASURES EVALUATED							
TOTAL PERFORMANCE MEASURES GO							
TRAINING STATUS GO/NO-GO							

ITERATION: 1 2 3 4 5 M

COMMANDER/LEADER ASSESSMENT: T P U

Mission(s) supported: None

MOPP 4: Never

MOPP 4 Statement: None

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	43-2-4575	Conduct Preventive Maintenance Checks and Services	43 - Maintenance (except missile) (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
1.	71-CO-5100	Conduct Troop Leading Procedures for Companies	71 - Combined Arms (Collective)	Approved

OPFOR Task(s):

Task Number	Title	Status
71-CO-8510	OPFOR Disrupt	Approved

Supporting Individual Task(s): None

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
ART 1.6.4	Provide Diver Support

TADSS

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

Equipment (LIN)

LIN	Nomenclature	Qty
No equipment specified		

Material Items (NSN)

NSN	LIN	Title	Qty
No materiel items specified			

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. .

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. .